

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for measuring by a terminal a service data amount received or transmitted at a terminal equipment (TE) comprising:
 - monitoring at a mobile communications terminal, packets received or transmitted between a terminal equipment (TE) and a network to determine ~~if~~ when a monitored received or transmitted packet corresponds to a Point-to-Point Protocol (PPP) control packet indicating;
 - determining at the mobile communications terminal whether a control protocol setup state of the TE is established when the monitored received or transmitted packet corresponds to the PPP control packet;
 - in response to the mobile communications terminal determining that the setup state of the TE is established, cumulatively counting at the mobile communications terminal a number of all packets, excluding packets added during a protocol stack setting process, received or transmitted until every protocol session of the TE is released ~~if the control packet indicates the control protocol setup state of the TE is established,~~ wherein the determination of the TE being established indicates a start point of the cumulatively counting, the counting allowing the mobile communications terminal to determine a service data amount received or transmitted at the TE; and

displaying the number of counted ~~number of~~ packets on a display of the mobile communications terminal, the counted packets displayed on the terminal including only data in a payload of a transmission control protocol layer,

wherein the monitoring and the counting are performed by the mobile communications terminal during a call connection networking between the TE and the network.

2-4. (Canceled)

5. (Currently Amended) The method of claim 1, wherein the mobile communications terminal operates as a modem of the TE.

6. (Canceled)

7. (Currently Amended) The method of claim 1, further comprising storing the number of counted ~~number of~~ packets in a non-volatile memory of the mobile communications terminal, and allowing a user to delete or initialize the number of counted ~~number of~~ packets via a user interface.

8. (Currently Amended) The method of claim 7, wherein the user searches the stored number of counted ~~number of~~ packets by a search function through the user interface.

9. (Canceled)

10. (Currently Amended) A method for measuring a service data amount in a call connection networking between a terminal equipment (TE) and a network, comprising:

~~monitoring-determining~~ at a mobile communications terminal, ~~packets when a~~ received packet or a transmitted packet between the TE and the network ~~to determine if a~~ ~~monitored received or transmitted packet corresponds to a~~ Point-to-Point (PPP) control packet; indicating

determining at the mobile communications terminal that a control protocol setup state of the TE is established in direct response to the determination that the received packet or the monitored packet corresponds to a PPP control packet;

starting with the determination that the TE is established, measuring at the mobile communications terminal an amount of provided data between the TE and the network ~~when the control packet indicates a channel for data transmission is set between the TE and the network;~~ and

displaying the measured amount of data on a screen of the terminal,

wherein the monitoring and the measuring are performed by the mobile communications terminal during a call connection networking between the TE and the network, and

wherein measuring the amount of provided data comprises:

removing a header and tailer from said packets received or transmitted between the TE and the network such that the measured amount of provided data corresponds only to the payload portions of the packets; and

counting a number of received or transmitted payload portions as the measured amount of data, and

wherein the measurement of the data amount is performed starting from a point when the ~~transmission is set~~ TE is determined to be established to a point when every protocol session of the TE is terminated.

11. (Canceled)

12. (Previously Presented) The method of claim 10, wherein the payload portions comprise a payload of a transmission control protocol layer.

13. (Canceled)

14. (Currently Amended) The method of claim 10, wherein the mobile communications terminal operates as a modem of the TE.

15. (Currently Amended) A method for measuring a service data amount using a mobile communications terminal in a call connection networking between a terminal equipment (TE) and a network, comprising:

determining, by the mobile communications terminal, ~~if-when~~ a received or transmitted packet corresponds to a Point-to-Point Protocol (PPP) control packet ~~indicating~~;

when the mobile communications terminal determines the PPP control packet, specifically identifying that a control protocol setup state of the TE is established;

upon specific identification that the setup state of the TE is established, starting to count by the mobile communications terminal only payload portions of packets received or transmitted between the TE and the network ~~when determining the control packet indicates the control protocol setup state of the TE is established,~~ wherein the specific identification that the setup state of the TE is established indicates a starting point of the counting, the counting allowing the mobile communications terminal to identify a service data amount received or transmitted at the TE; and

displaying, on the mobile communications terminal, the number of counted received and transmitted payload portions when the protocol setup state of the TE is released,

wherein the determining and the counting are performed by the mobile communications terminal during a call connection networking between the TE and the network.

16. (Currently Amended) The method of claim 15, wherein the mobile communications terminal functions as a modem of the TE.

17. (Currently Amended) The method of claim 15, further comprising storing the number of counted ~~number of~~ packets in a non-volatile memory of the mobile communications terminal, and allowing a user to delete or initialize the number of counted ~~number of~~ packets via user interface.

18. (Currently Amended) The method of claim 17, wherein the user searches the stored number of counted ~~number of~~ packets by a search function through a user interface included with the mobile communications terminal.